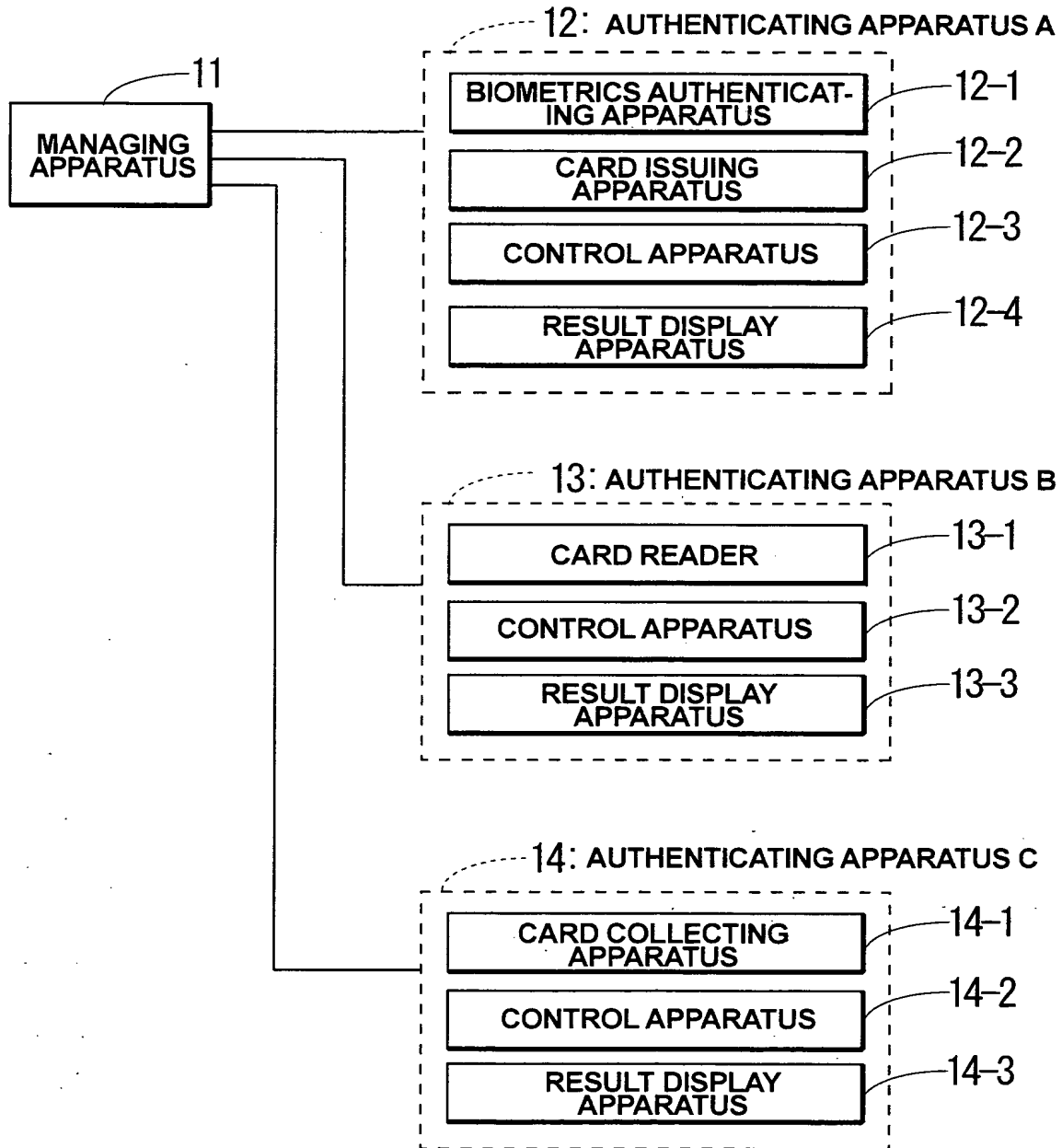
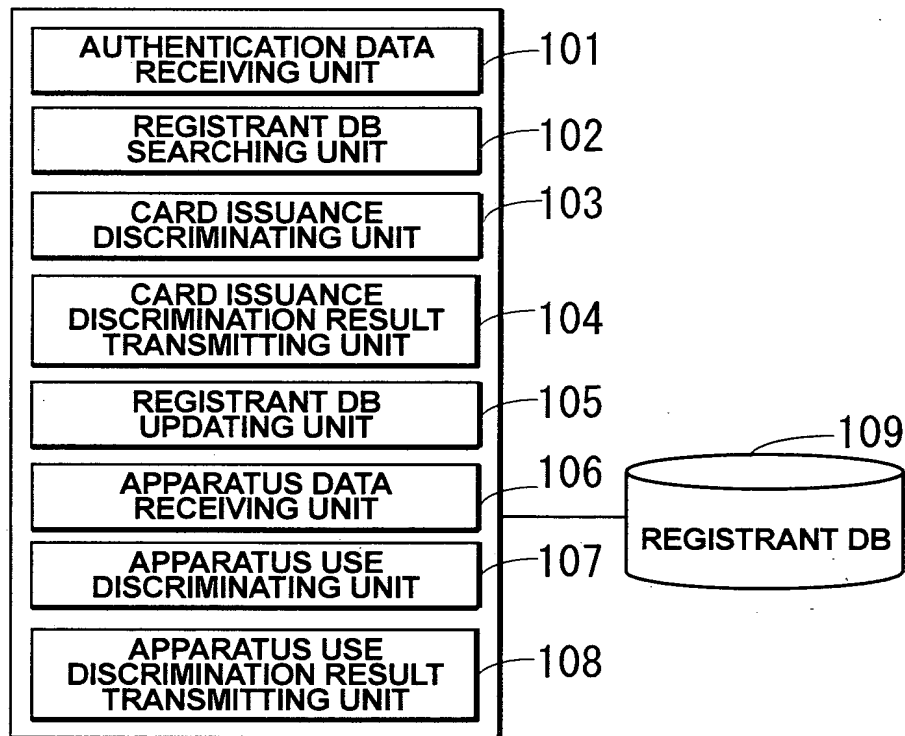


FIG. 1



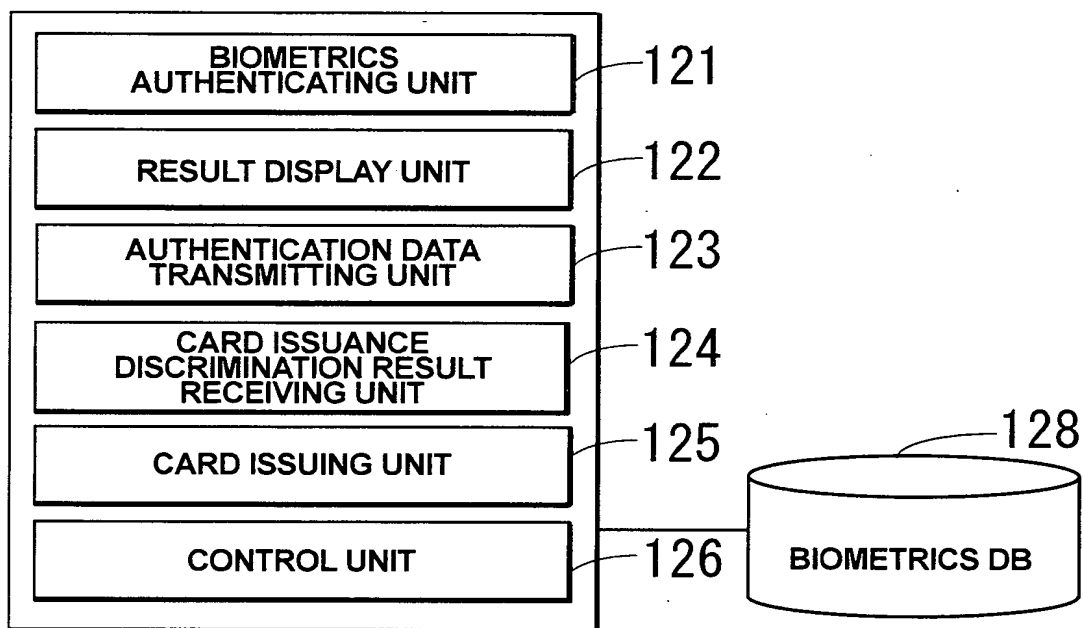
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FIG.2



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FIG. 3



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FIG. 4

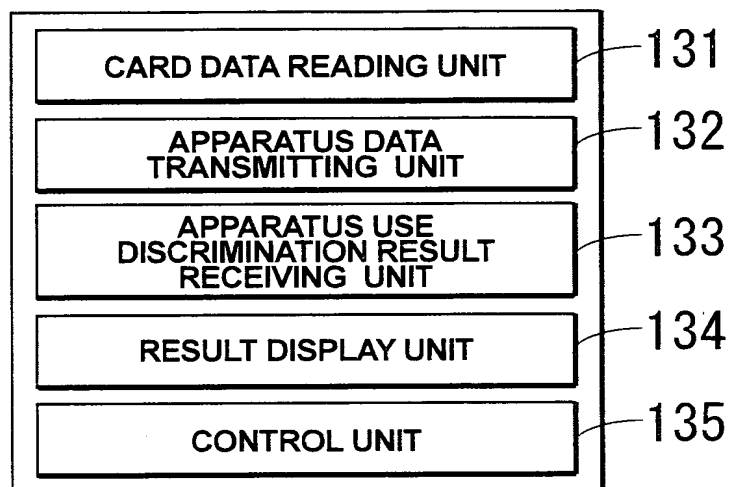
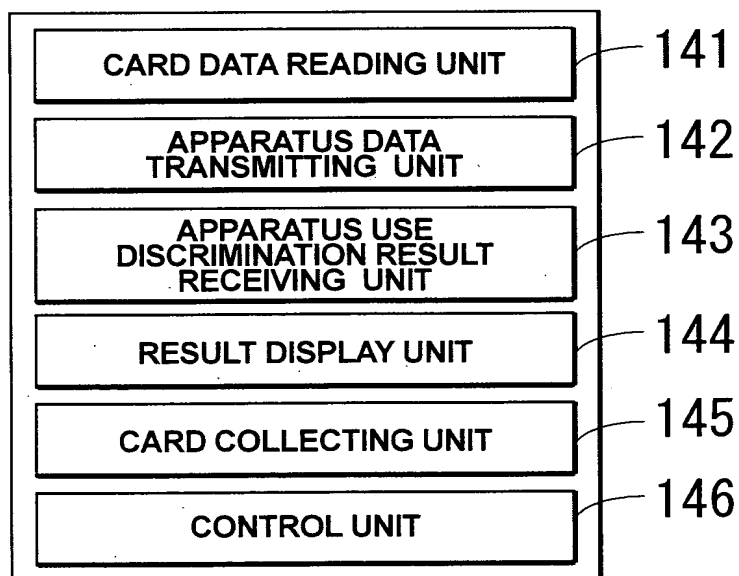


FIG. 5



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FIG. 6

I D	APPARATUS ID
X X X X X X	A A A A A A
X X X X X X	A A A A A A
.	

FIG. 8

I D
X X X X X X
X X X X X X
.

FIG. 9

I D	APPARATUS ID
X X X X X X	A A A A A A
X X X X X X	A A A A A A
.	.

FIG. 10

I D	BIOMETRICS DATA
X X X X X X	* * * * * * * *
X X X X X X	* * * * * * * *
.	.

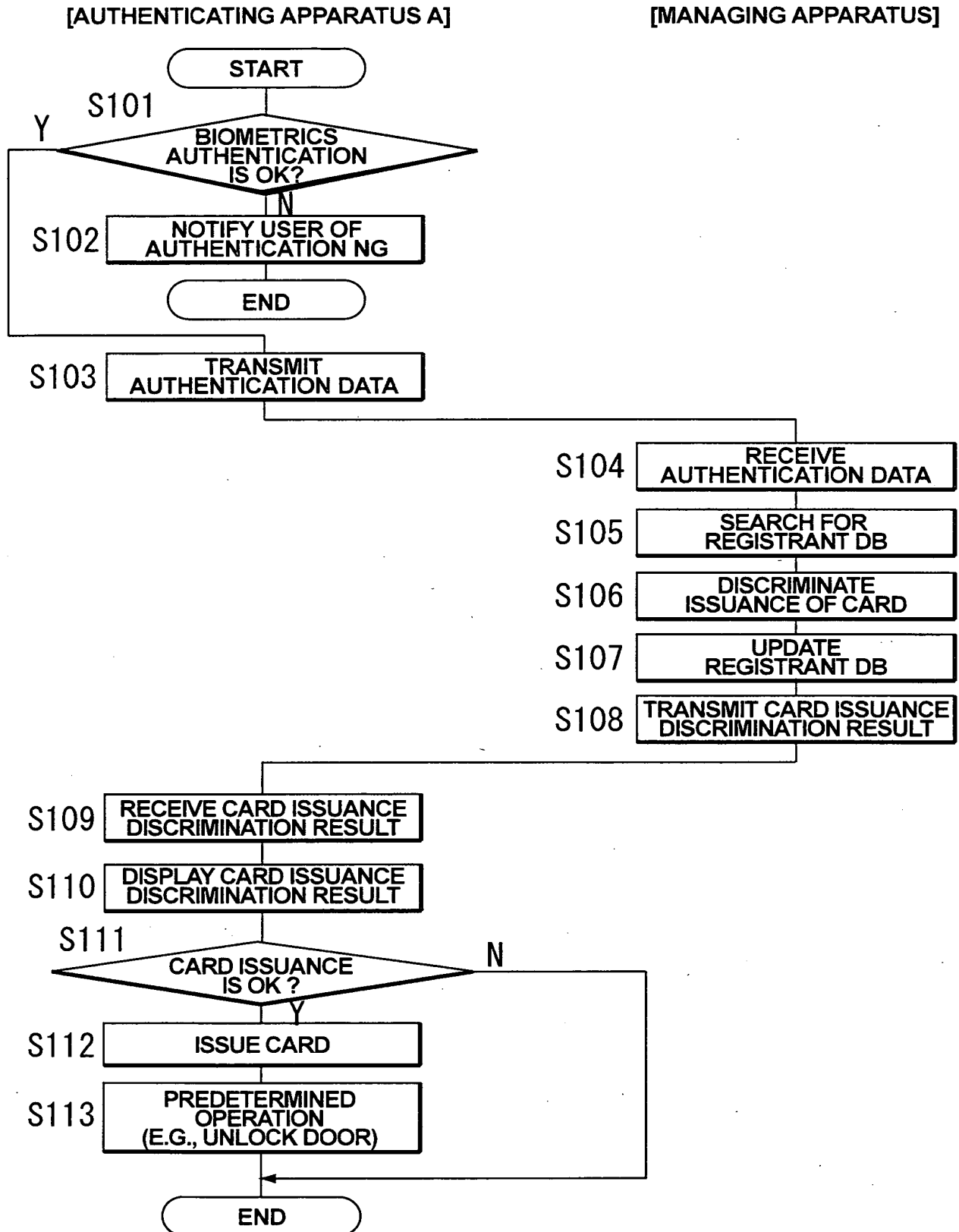
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FIG. 7

ID	NAME	CARD ISSUING STATE	CARD VALIDITY TERM	USE AUTHORITY		
				APPARATUS ID1	APPARATUS ID2	.
XXXXXX	Taro OKI	NOT ISSUED	—	CAN BE USED	CAN BE USED	.
XXXXXX	Jiro YAMADA	ISSUED	hh:mm:ss	CANNOT BE USED	CAN BE USED	.
.

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FIG. 11



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FIG. 12

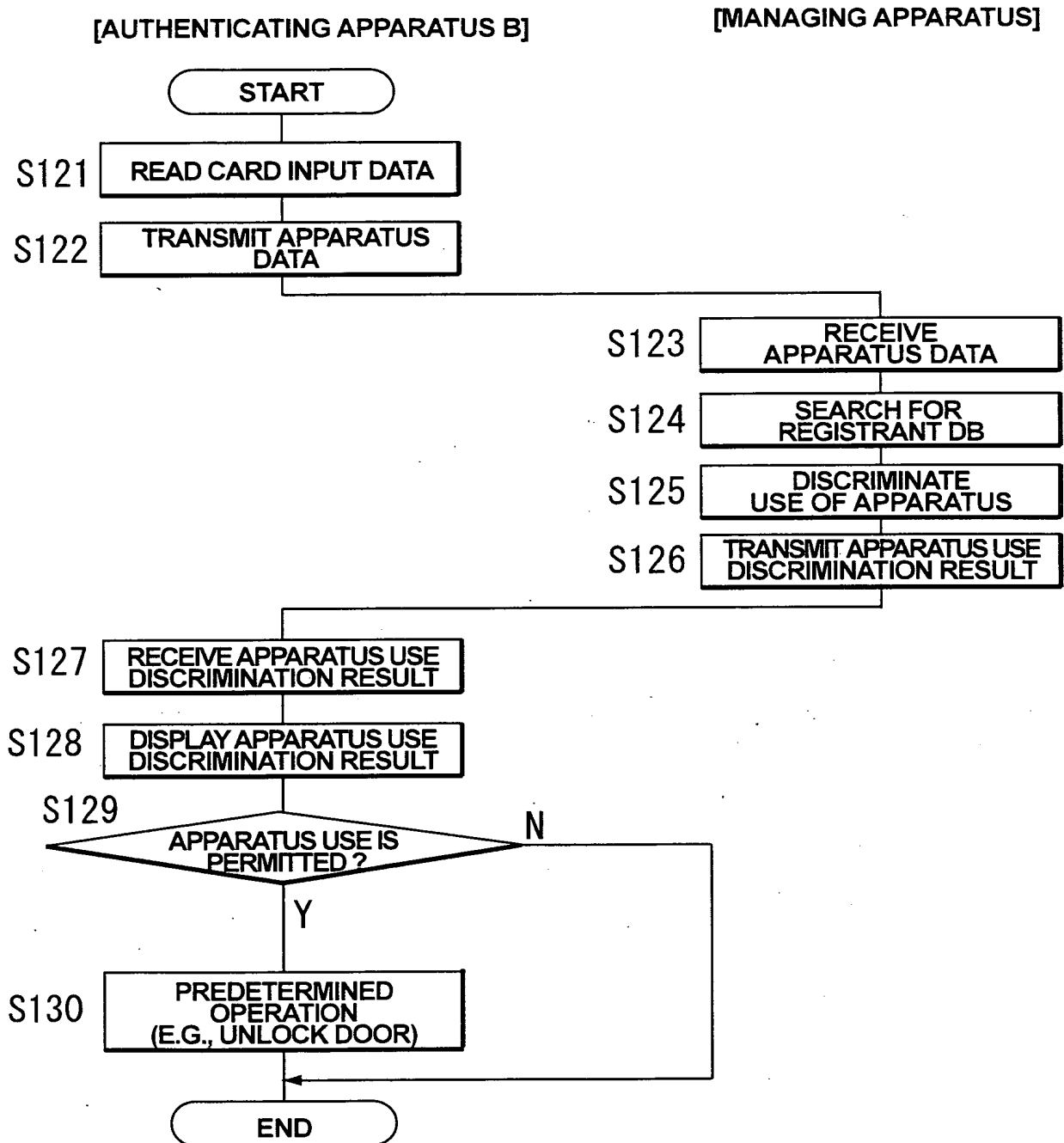
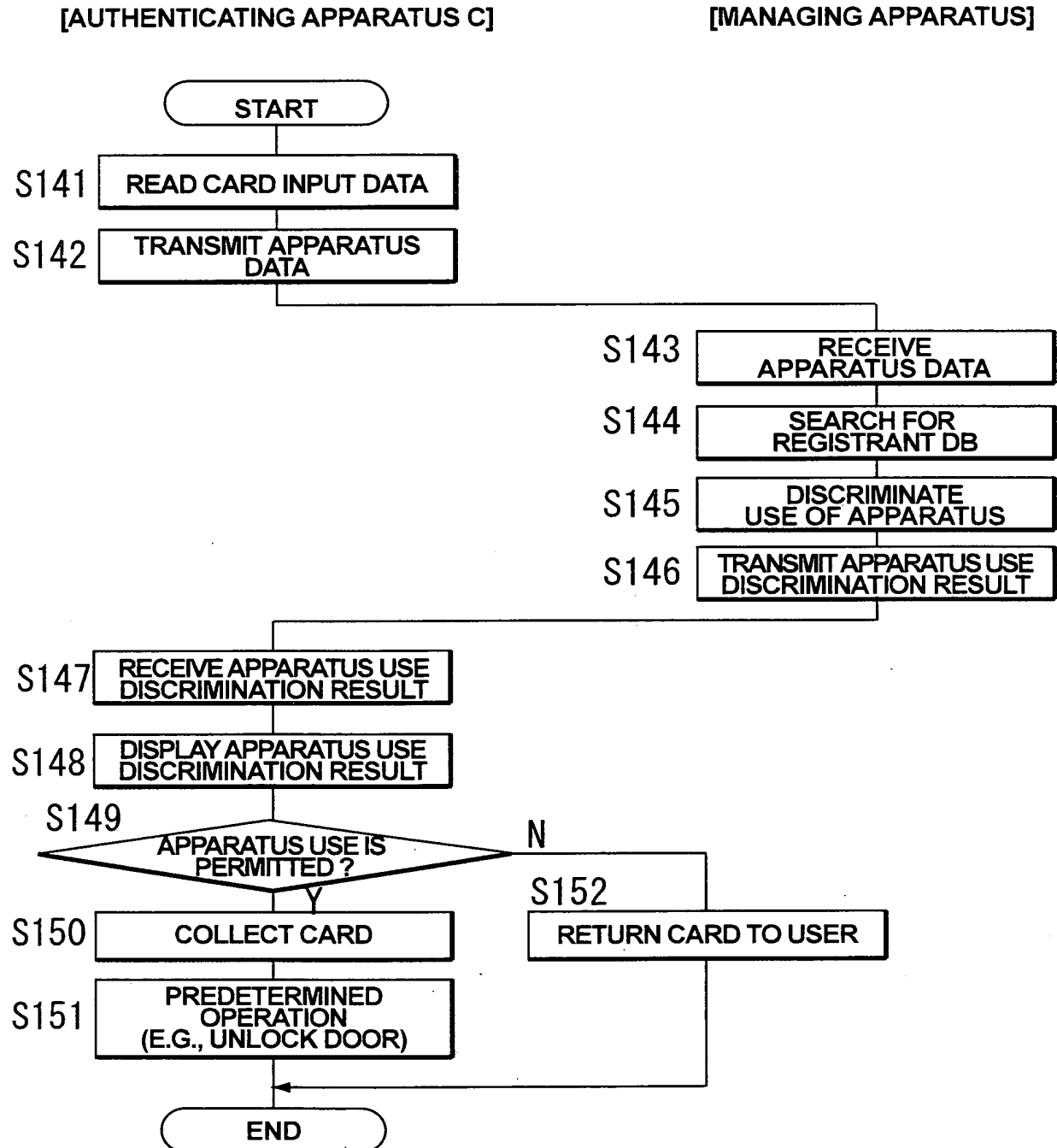
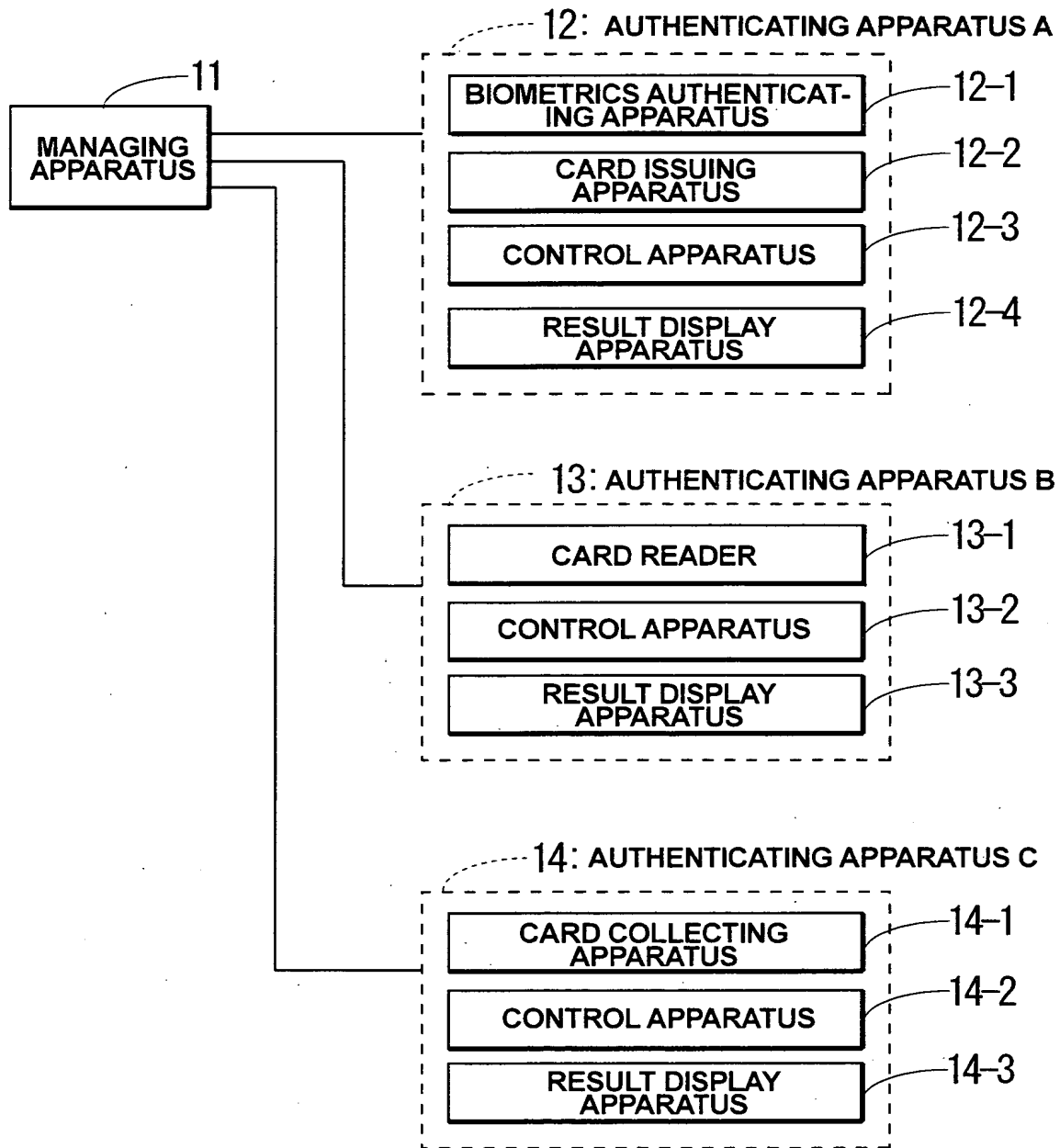


FIG. 13



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FIG. 14



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FIG. 15

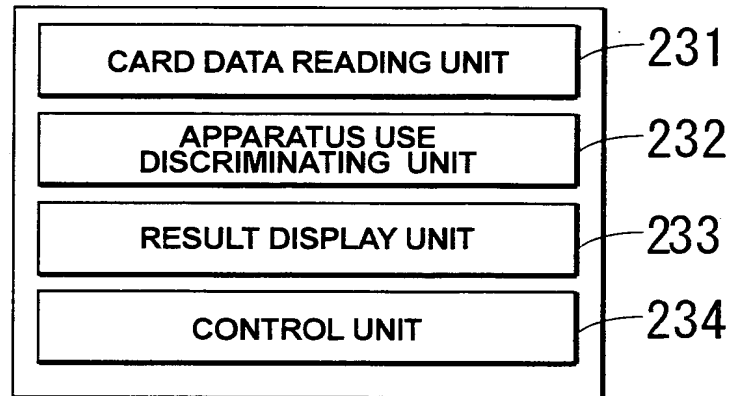
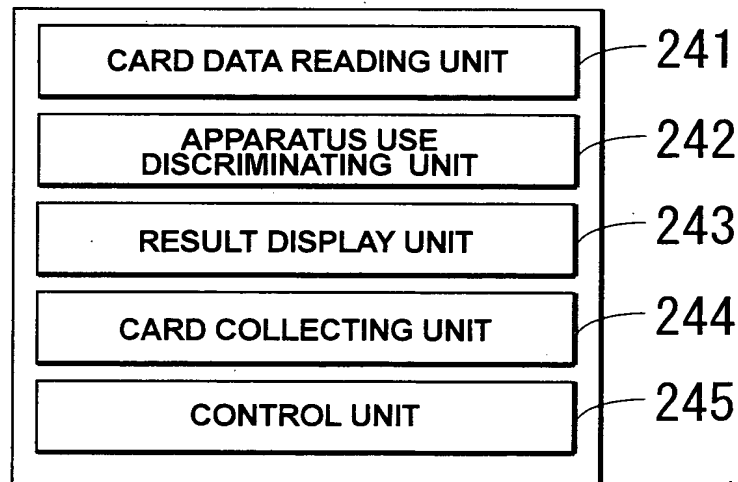


FIG. 16



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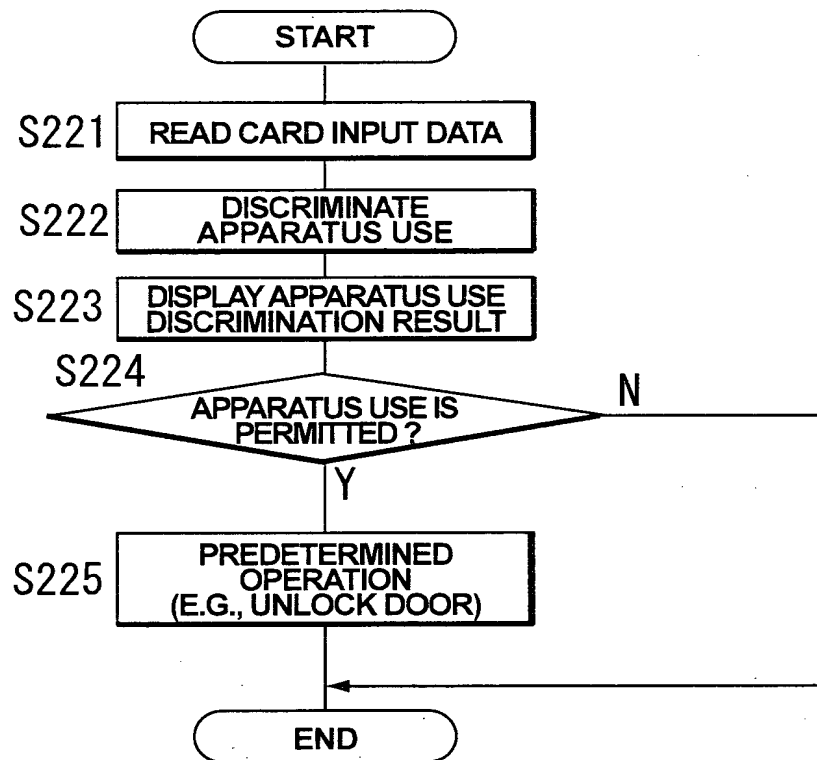
FIG. 17

ID	CARD VALIDITY TERM	USE AUTHORITY		
		APPARATUS ID1	APPARATUS ID2	.
XXXXXX	_____	CAN BE USED	CAN BE USED	.
XXXXXX	hh:mm:ss	CANNOT BE USED	CAN BE USED	.
.

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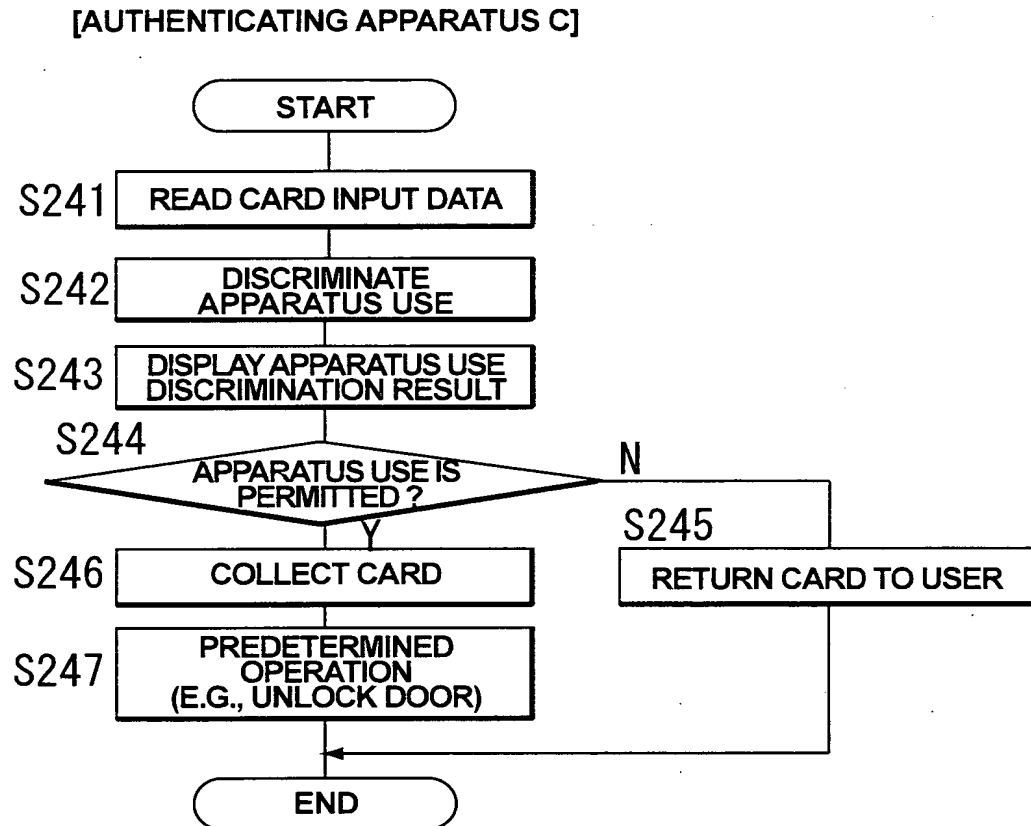
FIG. 18

[AUTHENTICATING APPARATUS B]



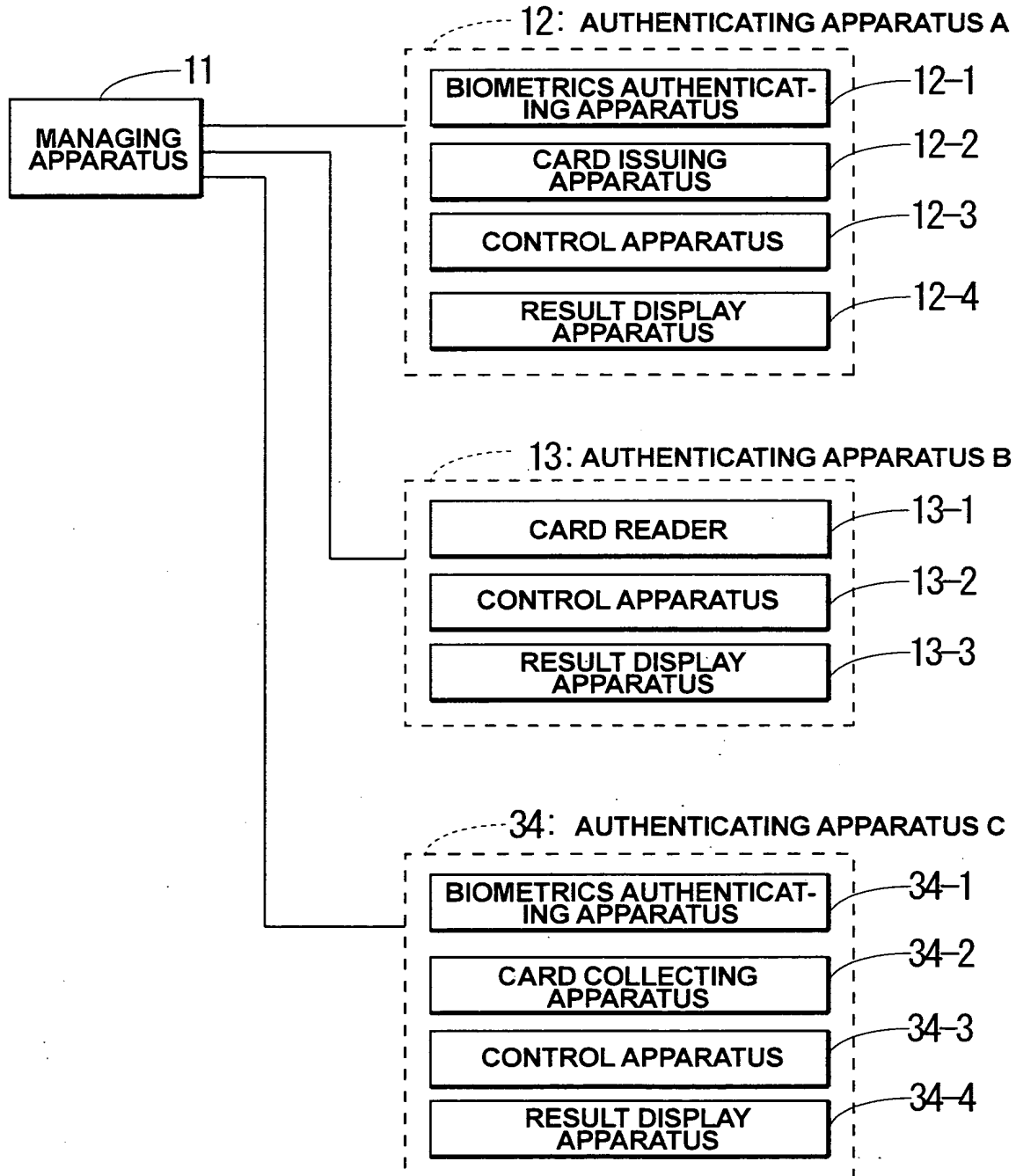
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FIG. 19



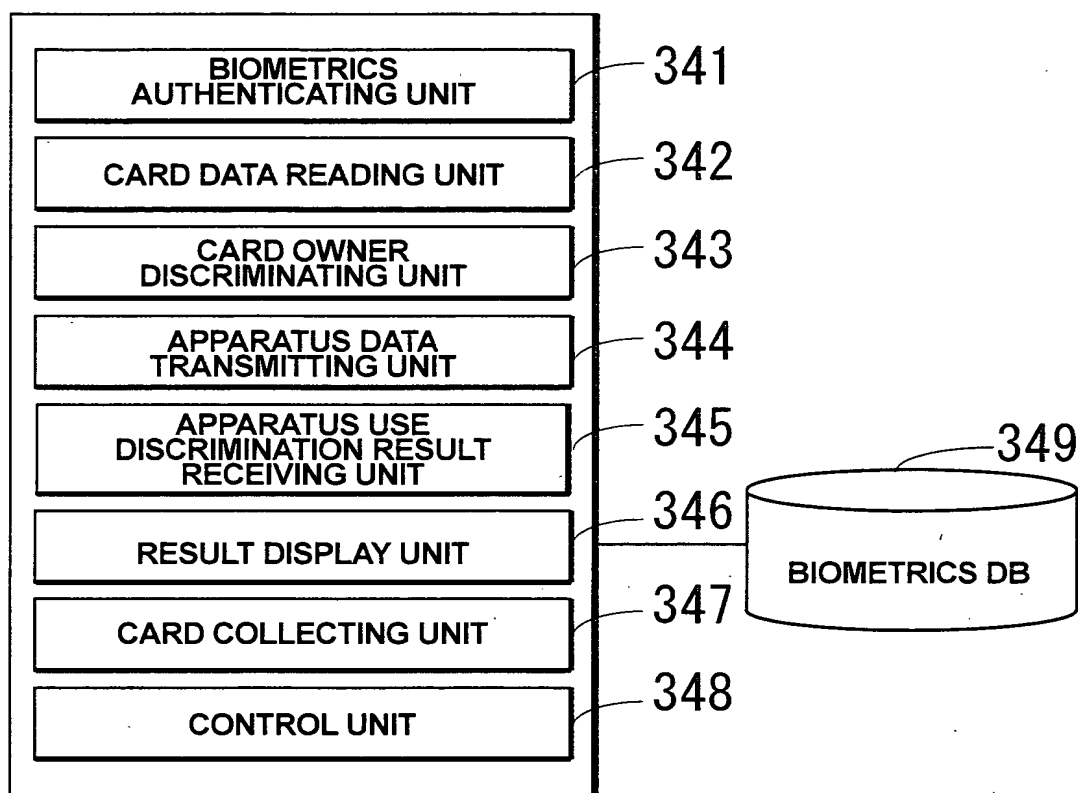
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FIG. 20



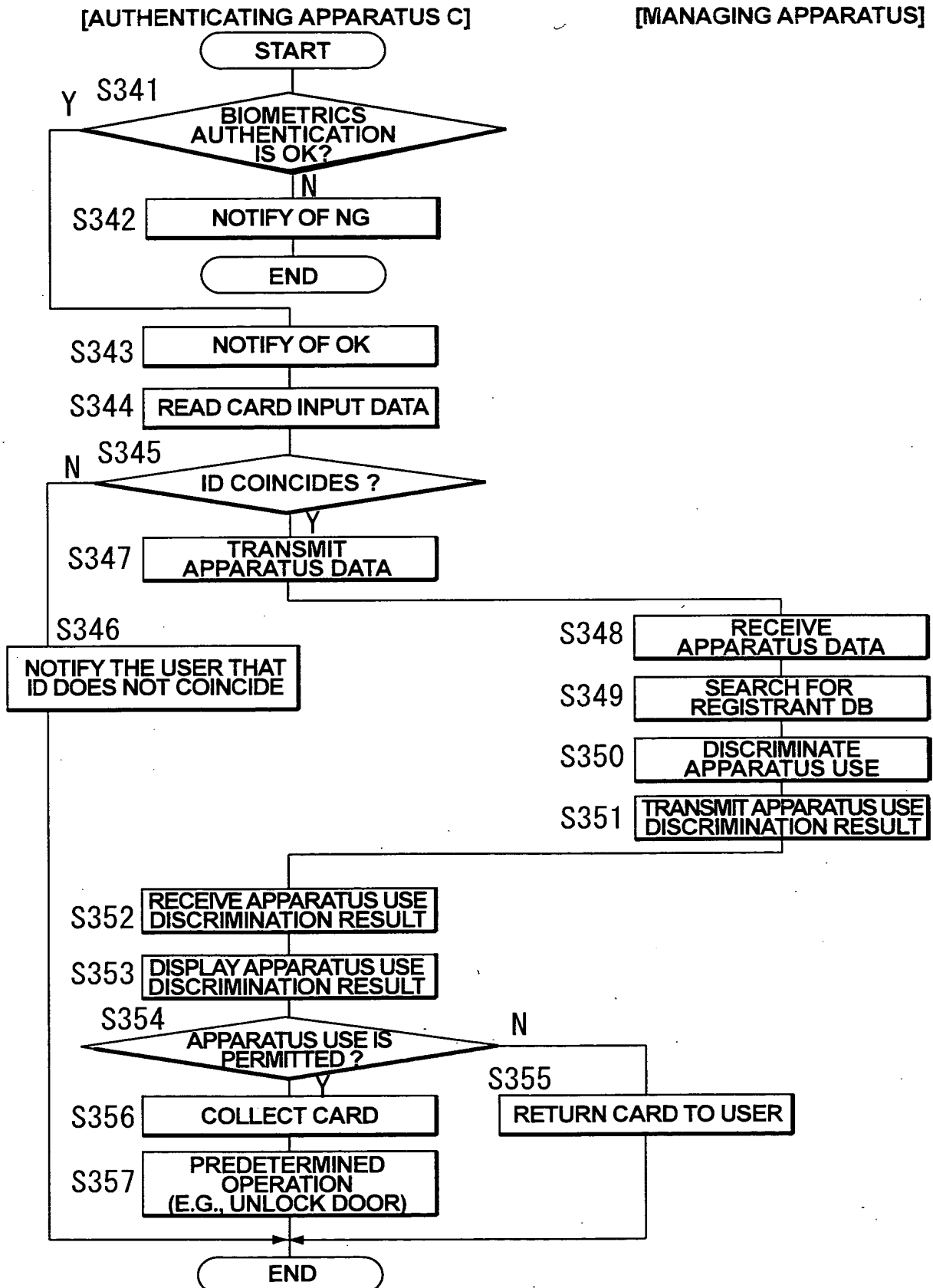
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FIG. 21



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FIG.22



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FIG.23

	PERSONAL PROPERTY	BIOMETRICS
	MAGNETIC CARD, ID CARD etc.	FINGERPRINT, IRIS, FACE OUTLINE, etc.
LOW COSTS	○	×
	• EXPENSIVE MORE THAN THAT IN PERSONAL AUTHENTICATION BY PERSONAL PROPERTY	
DIFFICULTY OF ABUSE	×	◎
	• THERE IS A FEAR OF LOSS OR THEFT	• FORGERY IS DIFFICULT
HIGH SPEED IN AUTHENTICATING TIME	○	△
	• THERE IS A CASE WHERE IT TAKES A TIME FOR AUTHENTICATION	
CERTAIN AUTHENTICATION	△	◎
	• AUTHENTICATION IS IMPOSSIBLE WHEN THE USER FORGETS TO CARRY PERSONAL PROPERTY	• AUTHENTICATION CAN BE CERTAINLY MADE BECAUSE OF PHYSICAL FEATURE